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ABSTRACT OF THE DISCLOSURE

A device for implementing a method for controlling a switched-reluctance motor having a rotor and excitable phases is disclosed. The device comprises a controller and an interface for implementing a master control routine including a pre-alignment stage, a preliminary stage, and a primary stage. During the pre-alignment stage, the rotor is rotated to an initial position corresponding to one the phases being aligned. During the preliminary stage, the rotor is rotated from the initial position in a desired direction. During the primary stage, any operational losses are minimized when the rotor is positioned in a holding position.

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